

ZOBNIN, Nikolay Pavlovich, prof., doktor tekhn. nauk, red.; SHISHKIN, Aleksey Alekseyevich, dots. kand. tekhn. nauk.; YUDIN, Daniil L'vovich, dots. kand. tekhn. nauk.; ~~DANILEVSKIY, V.V.~~, dots., kand. tekhn. nauk, red.; BRAYLOVSKIY, N.G., inzh., red.; BOBROVA, Ye. N., tekhn. red.

[Metal cutting] Obrabotka metallov rezaniem. Pod red. N.P. Zobnina. Moskva, Gos. transp. zhel-dor. izd-vo, 1958. 256 o. (MIRA 11:10)

1. Moskovskiy institut inzhenerov zheleznodorozhnogo transporta im. I.V.Stalina (for Zobnin, Yudin). 2. Rostovskiy institut inzhenerov zheleznodorozhnogo transporta (for Shishkin).
(Metal cutting)

MAKIDENKO, Nikolay Ivanovich; DANILEVSKIY, V.V., nauchnyy red.;
BASHKOVICH, A.L., red.; KAKOV, S.I., tekhn.red.; TOKER, A.M.,
tekhn.red.

[Mechanic's work; training manual] Slesarnoe delo; v pomoshch'
obuchaiushchimsia na proizvodstve. Moskva, Vses.uchebno-pedagog.
izd-vo tridrezervizdat, 1959. 221 p. (MIRA 13:3)
(Machine-shop practice)

KISLIK, Vladislav Afanas'yevich, prof., doktor tekhn.nauk; TROITSKIY,
Aleksandr Filippovich, prof., doktor tekhn.nauk; IVANNIKOV,
Dmitriy Grigor'yevich, prof., doktor tekhn.nauk; MAKSYEV,
Mikhail Grigor'yevich, dotsent, kand.tekhn.nauk; ~~DANILEVSKIY,~~
~~Yev.~~ kand.tekhn.nauk, red.; SARANTSEV, Yu.S., inzh., red.;
KHITROV, P.A., tekhn.red.

[Metal properties and the hot working of metals] Metallovedenie
i gorjachaya obrabotka metallov. Moskva, Gos.transp.zhel-dor.
izd-vo, 1959. 392 p. (MIRA 12:11)
(Pounding) (Forging) (Welding) (Metals)

OSTAPENKO, Nikolay Nikolayevich; KIRILLOV, Nikolay Pavlovich;

DANILEVSKIY, Vladimir Viktorovich; BEYZEL'MAN, R.D., nauchnyy
red.; GURIN, A.V., red.; KLIMOVICH, Yu.G., red.; PERSON, M.M.,
tekhn.red.

[General technology of metals] Obshchaya tekhnologiya metallov.
Izd.3., ispr. 1 dop. Moskva, Vses.uchebno-pedagog.izd-vo Prof-
tekhizdat, 1960. 367 p. (MIRA 14:2)
(Metals) (Metalwork)

DANILEVSKIY, Vladimir Viktorovich; ITKIN, I.M., nauchnyy red.;
LITVAK, D.S., red.; TOKER, A.M., tekhn. red.

[Handbook for young technologists and mechanical engineers]
Spravochnik molodogo tekhnologa-mashinostroitel'ia. Izd.2.,
ispr. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat,
1960. 414 p. (MIRA 15:4)
(Mechanical engineering)

BLINOV, Igor' Semenovich, kand.tekhn.nauk. Prinsipal uchastiye: KADUSHKIN, A.S., inzh.; KALYUZHENYI, S.Ye., inzh.; DANILEVSKIY, V.V., red.; YERMOSHKIN, N.Ya., red.; REUT, N.I., red.isd-va; TIKHONOVA, Ye.A., tekhn.red.

[Handbook of a technician in a shipfitting shop of a ship repair plant] Spravochnik tekhnologa mekhaniko-sbornogo tsekha sudoremontnogo zavoda. Izd.3., perer. i dop. Moskva, izd-vo "Morskoi transport," 1960. 637 p. (MIRA 13:6)

(Ships--Maintenance and repair) (Marine engineering)

BERLYAND, Semen Semenovich; DANILEVSKIY, V.V., red.; VAGIN, A.A., red.
izd-va; MIKHAYLOVA, V.V., tekhn. red.

[Brief manual for the railroad worker in ferrous metallurgy]
Kratkii spravochnik zheleznodorozhnika chernoi metallurgii.
Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi
metallurgii, 1961. 231 p. (MIRA 14:8)
(Railroads, Industrial—Maintenance and repair)

AGEYEVA, A.P.; AKSENOVA-CHERKASOVA, A.S., aspiranka; VELIKANOV, L.N., bibliotekar'; GAVVA, F.M.; GIRENKO, P.D., Geroy Sots. truda; GUBANOV, M.M., pensioner; GUS'KOVA, T.K., nauchnyy sotr.; DAVYDOV, A.G., prepodavatel'; DANILEVSKIY, V.V., prof., dvazhdy laureat Stalinskoy premii; DOVGOPOL, V.I., laureat Stalinskoy premii; YELOKHIN, M.F.; YERMAKOV, A.D.; IVANOV, V.G., prepodavatel'; KOVALEVICH, V.K.; KOVALEVSKAYA, Ye.S., zhurnalistka; PANKRATOV, A.G.; POPOVA, F.M.; URYASHOV, A.V.; FEDORIN, I.M., kand. ist. nauk; FILIPPOV, F.R.; CHUMAKOV, N.P.; SHEPTAYEV, K.T., zhurnalist; VAS'KOVSKIY, O.A., kand. ist. nauk, retsenzent; KULAGINA, G.A., kand. ist. nauk, retsenzent; GORCHAKOVSKIY, P.L., prof., doktor biol. nauk, retsenzent; BAKHMUTOVA, V., red.; SAKNYN', Yu., tekhn. red.

[Nizhniy Tagil]Nizhniy Tagil. Sverdlovsk, Sverdlovskoe knizhnoe izd-vo, 1961. 294 p. (MIRA 16:1)

1. Nizhne-Tagil'skiy krayevedcheskiy muzey (for Ageyeva, Gus'kova).
2. Zaveduyushchiy gorodskim otdelom narodnogo zdravookhraneniya, Nizhniy Tagil (for Velikanov).
3. Zaveduyushchiy gorodskim sel'skokhozyaystvennym otdelom goroda Nizhniy Tagil (for Gavva).
4. Nachal'nik upravleniya stroitel'stvom Sverdlovskogo sovnaarkhoza (for Girenko).
5. Deystvitel'nyy chlen Akademii nauk Ukr. SSR, Leningradskiy politekhnicheskiy institut (for Danilevskiy).

~~(Continued on next card)~~

DANILEVSKIY, V. V.

Technical prerequisites of mechanization and automation in machinery industry. Stroj vyr 9 no.12:597-599 '61.

1. Statni vybor pro automatizaci, Moskva.

DANILEVSKIY, V.V., inzh.

Books on mechanization and automation published abroad. Mekh. 1
avtom. proizv. 15 no. 5:58-60 My '61. (MIRA 14:5)
(Bibliography--Automation)
(Bibliography--Technological innovations)

DANILEVSKIY, Vladimir Viktorovich, dots.: Prinimal uchastiye POLUBINSKIY, V.I., yurist; SAMOKHOTSKIY, A.I., retsenzent; KHOLIN, V.A., retsenzent; STANKEVICH, V.G., inzh., retsenzent; SMIRNOV, B.V., nauchnyy red.; SAMSONOVA, M.T., red.izd-va; YEZHKOVA, L.L., tekhn. red.

[Manual for technicians in machinery manufacture] Spravochnik tekhnika-mashinostroitelia. Moskva, "Vysshaya shkola," 1962. 644 p.
(MIRA 15:6)

1. Chleny predmetnoy komissii Moskovskogo mashinostroitel'nogo tekhnikuma im. Dzerzhinskogo (for Samokhotskiy, Kholin, Stankevich).
(Mechanical engineering)

DANILEVSKIY, V.V., doc. (Moscow)

Automation of ~~m~~achining of complicated surfaces on universal
machine tools. Stroj vyr 10 no.10:517 0 '62.

DANILEVSKIY, V.V., red.

History of technology, a bibliography for 1951-1966
Istoriia tekhniki, bibliograficheskii ukazatel' 1951-
1966 Pod red V.V.Danilevskogo. Moskva, Izd-vo AN SSSR,
1962 390 p. (MIRA 16:11)

1. Akademiya nauk SSSR. Institut istorii yestestvoznaniya
i tekhniki.

(Technology--History)

~~DANILEVSKI~~ V.V., doc. (Moscow)

Copying turning by means of leaf templets. Stroj vyr 10 no.11:580
581 '62.

DANILEVSKIY, V.V., inzh.

Determining the efficiency of the automation of machining with
multiple-purpose equipment. Mekh.i avtom.proizv. 17 no.1:47-48
Ja '63. (MIRA 16:2)

(Metal cutting) (Automation)

L 15538-63

EST(d)/EWP(a)/EWT(m)/BDS AFPTC/ASD JD

ACCESSION NR: AP3005548

S/0118/63/000/007/0003/0004

AUTHOR: Danilevskiy, V. V. (Engineer) 56

TITLE: Automation of machining ¹⁰ complex surfaces

SOURCE: Mekhanizatsiya i avtomatizatsiya proizvodstva, no. 7, 1963, 3-4

TOPIC TAGS: automation, machining

ABSTRACT: Machining is described of a bearing bushing having a closed pattern of crossed oilways on a conventional engine lathe equipped with a rigid duplicating device and a special device for reciprocating feed of the cutting tool. A construction drawing is accompanied by detailed explanations. Also described is the machining of complex-shape turbine blades by means of an ordinary engine lathe equipped with a rigid 3-dimensional duplicator and a special one-coordinate follower that is intended to feed the cutting tool. Sketches of the blade machining and the follower are presented. Orig. art. has: 4 figures.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 29Aug63

ENCL: 00

SUB CODE: IE

NO REF SOV: 000

OTHER: 000

Card 1/1

DANILEVSKIY, Vladimir Viktorovich; GAVRILOV, A.N., prof., doktor
~~tekhn. nauk, retsenzent~~; KHOLIN, V.A., inzh., retsenzent;
KUNIN, P.A., red.; VARGANOVA, A.N., red.izd-va; MURASHOVA,
V.A., tekhn. red.

[Technology of the manufacture of machinery; general course]
Tekhnologiya mashinostroeniia; obshchii kurs. Moskva,
Vysshiaia shkola, 1963. 505 p. (MIRA 17:2)

17050-60 EWP(d)/EWP(l)/EWP(m)/EWP(v)/EWP(t)/EWP(k)/EWP(h)/EWP(i) IJP(s)
ACC NR: AP6015326 55, 56 (N) SOURCE CODE: UR/0410/65/000/003/0122/0126

AUTHOR: Vedyushkin, G. A. (Novosibirsk); Gusev, O. Z. (Novosibirsk); Danilevskiy, Yu. L. (Novosibirsk); Litvinchuk, V. I. (Novosibirsk); Sterelyukhina, L. N. (Novosibirsk)

ORG: none

TITLE: Measuring the differential magnetic susceptibility of ferromagnetic films [Paper presented at the Sixth All-Union Conference on Automatic Control and Electrical Measurement Methods held in Novosibirsk in September 1964]

SOURCE: Avtometriya, no. 3, 1965, 122-126

TOPIC TAGS: magnetic susceptibility, ferromagnetic film, magnetic field measurement

ABSTRACT: The authors describe a simple method for measuring and analyzing experimental curves of differential magnetic susceptibility of a ferromagnetic film at various relative orientations of the external fields, the pick-up loop, and the anisotropy axis of the film. The method employs a special assembly in which the film is acted on by low (50 cps) and high (60 to 180 Mc) frequency fields. The unbalanced signal received at the output of the HF bridge balancing system is proportional to the differential magnetic susceptibility of the film. The HF signal is amplified, filtered, and detected, then passed through an LF amplifier into the vertical input

Card 1/2

UDC: 621.317.41

Card 2/2

L 28019-66 EWT(1)/EWA(h)

ACC NR: AP6005302

SOURCE CODE: UR/0413/66/000/001/0039/0039

INVENTOR: Lisker, I. S.; Danilevskiy, Yu. L.

ORG: none

TITLE: A method for making inductance coils. Class 21, No. 177472 [announced by
Institute of Mathematics, SO AN SSSR (Institut matematiki SO AN SSSR)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 1, 1966, 39

TOPIC TAGS: printed circuit, vaporization, electric inductance, ferromagnetic material, insulating material, magnetic circuit, magnetic anisotropy

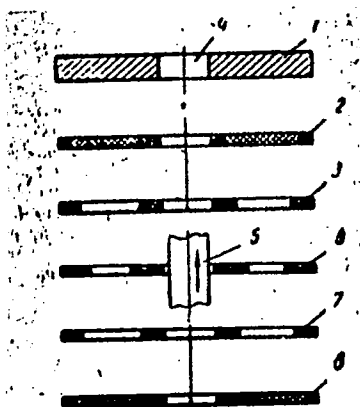
ABSTRACT: This Author's Certificate introduces a method for making inductance coils. The method is based on vacuum vaporization of conducting, ferromagnetic and insulating materials through a mask onto an insulation substrate. The method is designed for producing high quality coils. Conductive material is vaporized onto the substrate through a mask with radial slits followed by application of an insulating film in the form of a ring. A rod electrode is then passed through a hole in the substrate coinciding with the center of the vaporized coil. The electrode is set perpendicular to the plane of the substrate and ferromagnetic material is vaporized on the surface of the insulating film by passing a direct current through the rod. The resultant annu-

UDC: 621.318.435.002.2

Card 1/2

L 28019-66

ACC NR: AP6005302



1--substrate; 2--mask with radial slits for application of the conductive material to the substrate; 3--mask for vaporization of the insulating film; 4--opening in the substrate; 5--rod electrode; 6--mask for vaporization of the ferromagnetic film; 7--mask for covering the magnetic circuit with an insulating film; 8--mask with radial slits for application of conductive material to the film.

lar magnetic circuit with circular anisotropy is covered with an insulating film and conducting material is vaporized through a mask with radial slits to form the second half of the winding for a toroidal coil.

SUB CODE: 09/ SUBM DATE: 22Mar65

Minaturization 25

Card 2/2 20

DANILEWICZ, Halina; PAJAK, Boguslaw

Simultaneous lesions of the vestibular and facial nerve in herpes zoster oticus. Neurol., neurochir., psychiat. Pol. 15 no.1:71-76 Ja-F'65.

1. Z Kliniki Neurologicznej Akademii Medycznej w Krakowie
(Kierownik: prof. dr. W. Jakimowicz).

DANILEWICZ, Krystyna

Studies on the ability of some strains of Streptomyces to produce common scabies in potatoes and beets. Acta microb. polon. 10 no.3: 287-305 '61.

1. Z Katedry Fizjologii Roslin Uniwersytetu Warszawskiego.
(STREPTOMYCES) (PLANTS)

extension of airtive and test results corresponding to the "healthy" line, and the test results corresponding to the "test" line.

1. The following information was obtained from the records of the Federal Bureau of Investigation, Bureau of Prisons, and the United States Department of Justice, Office of the Inspector General, regarding the activities of the following individuals:

DANILEYCHENKO, O. A.; BELIAKOVA, Ye. M.; KABANOVA, T. A.; PRIMAK, D. O.

Study of the effectiveness of antipoliomyelitis vaccination in
the city of Kiev. Mikrobiol. zhur. 24 no.1:10-15 '62.
(MIRA 15:7)

1. Kiyevskiy nauchno-issledovatel'skiy institut epidemiologii
i mikrobiologii i Kiyevskaya gorodskaya sanitarno-epidemiolo-
gicheskaya stantsiya.

(~~KIEV--POLIO~~MYELITIS--PREVENTIVE INOCULATION)

YANCHENKO, T.F.; CHUDNAYA, L.M. [Chudna, L.M.]; DANILEYCHENKO, O.A.
[Danyleichenko, O.A.]

Virus carrying in poliomyelitis. Mikrobiol. zhur. 20.no.4:
50-53'58. (MLA 16:8)

1. Kiyevskiy institut epidemiologii i mikrobiologii.
(POLIOMYELITIS)

DANILEVCHENKO, V.D.

Development of the public health system in Lvov Province during
twenty years of Soviet power. Vrach.delo no.12:1311-1313 D '59.

(MIRA 13:5)

1. Kafedra organizatsii zdravookhraneniya L'vovskogo meditsin-
skogo instituta.

(LVOV PROVINCE--PUBLIC HEALTH)

DANILEYCHENKO, V.D.

Development of sanitary and epidemiological work in L'vov
Province during the 20 years of Soviet rule. Gig. i san.
no. 10:52-57 0 '60. (MIRA 13:12)

1. Iz L'vovskogo meditsinskogo instituta.
(L'VOV PROVINCE—PUBLIC HEALTH)

DANILEYKO, A.V. _____

Breeding pea varieties for resistance to the pea weevil. Zashch.
rast. ot vred. i bol. 4 no. 6:39-40 N-D '56. (MIRA 15:11)
(Peas--Disease and pest resistance) (Pea weevil)

DANILEYKO, A.V.

"Pea weevil" by Z.V.Ivanova. Reviewed by A.V.Danileiko.
Zashch.rast.ot vred.i bol. 5 no.3:58 Mr '60. (MIRA 16:1)
(Pea weevil) (Ivanova, Z.V.)

KIRICHOK, Yu.G.; KLISHKO, B.K.; KUCHER, G.A.; KHAYKIN, M.I.;
KOVACH, I.A.; DANILEYKO, K.Ya.

Redesigning a skip hoist of the "Bol'shevik" Mine. Gor.
zhur. no.10:68-72 C '61. (MIRA 15:2)

1. Energolaboratoriya tresta Dzerzhinskruuda (for Kirichok,
Klishko, Kucher, Khaykin). 2. Institut Krivbassproyekt
(for Kovach, Danileyko).
(Krivoy Rog Basin—Mine hoisting)

DANILEYKO, V.I. [Danyleiko, V.I.]

Biological problems of astronautics. Nauka i zhizn' no.2:
13-16 F '58. (MIA 13:4)
(Astronautics) (Space biology)

DANILEYKO, Vladimir Ivanovich [Danyleiko, V.I.]; CHEPUR, S.D.,
red.; LIBERMAN, T.R., tekhn. red.

[Life under space-flight conditions] Zhyttia v umovakh kos-
michnoho pol'otu. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 79 p.
(MIRA 15:4)

(SPACE BIOLOGY)

(SPACE MEDICINE)

DANILEYKO, V.I. [Danyleiko, V.I.]

Ecology of space flights. Fiziol. zhur. [Ukr.] 7 no.1:9-18 Ja-P
'61. (MIRA 14:1)

(SPACE BIOLOGY)

DANILEYKO, V.I. [Danyleiko, V.I.]

Causal mechanism of blood circulation and atmospheric pressure.
Fiziol. zhur. [Ukr.] 7 no.5:608-616 S-O '61. (MI-A 14:9)
(BLOOD--CIRCULATION)
(ATMOSPHERIC PRESSURE--PHYSIOLOGICAL EFFECT)

DANILEYKO, V.I. [Danyleiko, V.I.]

On the threshold of the future. Nauka i zhyttia 11 no.7:14-17
Jl '61. (MIRA 14:8)

(SPACE MEDICINE)

MAKARCHENKO, O.F., akademik; ^{DANILEYKO V. I.} ~~DALILEYKO~~, V.I. [Danyleiko, V.I.],
nauchnyy sotrudnik

Weightlessness. Nauka i zhyttia 11 no.12:12-14 p '61.

(MIRA 15:2)

1. AN USSR (for Makarchenko). 2. Institut fiziologii imeni
A.A. Bogomol'tsa AN USSR (for Danileyko).
(WEIGHTLESSNESS)
(SPACE MEDICINE)

DANITS, P.; KLIMOVA, Z. [translator]

Man studies insects. Nauka i zhizn' 28 no.12:68-73 D '61.
(MIRA 15.2)
(Entomological research)

DANILEYKO, V.I.

Biological effect of cosmic and solar radiation in mountains.
Probl.kosm.biol. 1:392-399 '62. (MIRA 15:12)
(COSMIC RAYS--PHYSIOLOGICAL EFFECT)
(SOLAR RADIATION--PHYSIOLOGICAL EFFECT)

DANYLEYKO V. I.

27.2500

39856

S 238 62 008 002 002 004

1015 1215

AUTHOR Danyleyko, V. I.

TITLE The physiological reaction of small animals to a prolonged transversal acceleration

PERIODICAL Fiziologichnyy zhurnal, v. 8, no. 2, 1962, 220-230

TEXT The experiments were carried out on albino rats (259), albino mice (49), marmots (20), pigeons (12), sparrows (10) and one turtle. The animals were subjected to transversal acceleration (18-23.5 g) in a specially constructed centrifuge of the radius 65 cm. To increase the resistance to acceleration, narcosis (barbiturate), dibazol, hypothermia and hibernation of animals were employed and the results were positive. ECG records and histologic examination of heart and lung preparations were performed on a number of animals. The small homeothermic animals were able to resist transversal acceleration up to 20 g for many minutes without any effect on their vital activities. Additional factors, however, which exist during centrifugation, are responsible for the lower resistance to transversal than to linear acceleration. There are 3 figures.

SUBMITTED August 20, 1960

Card 1 1

ACCESSION NR: AT4042673

S/0000/63/000/000/0146/0149

AUTHOR: Danileyko, V. I.; Nazarenko, A. I.; Savchenko, O. S.

TITLE: Respiration of white rats during prolonged action of radial acceleration

SOURCE: Konferentsiya po aviatsionnoy i kosmicheskoy meditsine, 1963. Aviatsionnaya i kosmicheskaya meditsina (Aviation and space medicine); materialy* konferentsii. Moscow, 1963, 146-149

TOPIC TAGS: acceleration effect, respiration, rat, transverse acceleration, oxygen exchange, tissue respiration, oxygen consumption, body temperature

ABSTRACT: White rats were subjected to the action of transverse accelerations on centrifuges for the purpose of determining their effect on external respiration, oxygen exchange with the blood in pulmonary circulation, and tissue respiration. Measurements were made of the body temperatures of all rats. Part of the rats were then killed and their brain, liver, and kidney

Card 1/3

ACCESSION NR: AT4042673

temperatures measured. In ten of the rats, kidney temperatures were measured during acceleration. It was found that when rats were subjected to accelerations of 2 to 30 g the intensity of oxygen consumption increased. In contrast to animals with a large body mass (man, monkeys, dogs, etc.), in which external respiration is diminished when they are subjected to accelerations of 7 to 10 g, rats showed a significant increase in oxygen consumption, even when subjected to 17 g for five minutes. Body temperature of the rats rose after the experiments by 3 to 8° C and the temperature of the internal organs by 3 to 5° C. Disruption of respiratory movements was observed in animals subjected to accelerations of 22 to 26 g for fifteen minutes. When subjected to 28 g, motor disturbances appeared during the first two or three minutes; when subjected to 50 g, they appeared during the first minute. When rats were subjected to a 50-g acceleration for one and one-half minutes, a statistically significant increase in oxygen consumption by brain tissue was noted. After prolonged acceleration a definite drop in the temperature of the entire body was observed. In some cases this drop was as great as 10° C. This phenomenon, which was designated "post-gravitational hypothermy," was

Card 2/3

ACCESSION NR: AT4042673

accompanied in the experiments by an increase in oxygen consumption.

ASSOCIATION: none

SUBMITTED: 27Sep63

ENCL: 00

SUB CODE: LS

NO REF SOV: 000

OTHER: 000

Card 3/3

L 0458(-67) EW(1) S I E OL

ACC NR: AP6033148

SOURCE CODE: UR/0238/66/012/005/0582/0592

AUTHOR: Danyleyko, V. I. — Danilevko, V. I.; Dudaryev, V. P. — Dudarev, V. P.;
Matsynin, V. V.; Leont'yeva, H. O. — Leont'yeva, G. A.; Sokolyans'kyy, I. F. —
Sokolyanskiy, I. F.; Pivtorak, P. P.

ORG: Division of Hypoxia and Hyperoxia, Institute of Physiology im. O. O. Bohomolets,
Academy of Sciences UkrSSR (Viddil fizioloji hipo- i hiperoksiychnykh staniv
Instytutu fizioloji Akademiyi nauk UkrSSR)

TITLE: Comprehensive study of the human organism during gradual alpine acclimatiza-
tion

SOURCE: Fiziologichnyy zhurnal, v. 12, no. 5, 1966, 582-592

TOPIC TAGS: human physiology, blood plasma, hemoglobin, electromyography, alpine
acclimatization

ABSTRACT: Subjects undergoing gradual alpine acclimatization according to the method of N. N. Sirotinin at altitudes from 2100 to 4200 m on Mt. El'brus (and higher in some cases) were compared with controls remaining in Kiev. Experimental results showed that changes in red blood cells during gradual alpine acclimatization were most pronounced at Shelter no. 11 (altitude 4800 m). Changes in electrophoresis of hemoglobin fractions occurred in the first stages of acclimatization to alpine conditions. The oxygen capacity of the blood dropped in most cases at the beginning

Card 1/2

L 04580-57

ACC NR: AP6033148

of acclimatization (except at Shelter no. 11, where it exceeded initial levels). Analysis of blood serum showed increase in globulin content and decrease in albumin. Oxygen consumption in experimental subjects was somewhat higher than initial values. On the second to fourth day of a stay at 2100 m, increased oxygen tension in the muscles investigated after oxygen inhalation was almost the same as under sea-level conditions. However, on the seventh to ninth day at high altitudes the increase in oxygen tension after O₂ inhalation was considerably greater than at the beginning of the experiment. Increased oxygen tension in the muscles coincided with increased hemoglobin and erythrocyte levels in the blood. During gradual alpine acclimatization the ability of the organism to increase oxygen tension in the muscles (a characteristic associated with alpine acclimatization) improves. In most cases a more or less pronounced drop in muscle bioelectricity was observed after oxygen inhalation. Muscle bioelectric activity usually increased when the subject was switched back to a normal gas atmosphere. Other data about the relationship between functional indices of human vital activity under conditions of gradual alpine acclimatization are also presented. Orig. art. has: 2 figures and 1 table.

SUB CODE: 06/ SUBM DATE: 15Jun66/ ORIG REF: 016/ OTH REF: 008/ ATD PRESS: 5100

Card 2/2 vmb

L 11949-66 EWT(1)/EWP(a)/EWT(m)/EEC(k)-2/T/EWP(k)/EWA(m)-2 LJP(c) WG/WH
 ACC NR: AP6000737 SOURCE CODE: UR/0386/65/002/009/0414/0418

AUTHOR: ^{44,55}Manenkov, A. A.; ^{44,55}Danilevko, Yu. K.

ORG: ^{44,55}Physics Institute im. P. N. Lebedev, Academy of Sciences, SSSR (Fizicheskii Institut Akademii nauk SSSR)

TITLE: Concentration and temperature dependence of the spin-lattice relaxation times in ruby at helium temperatures. Relaxation in zero magnetic field

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki. Pis'ma v redaktsiyu. Prilozheniya, v. 2, no. 9, 1965, 414-418

TOPIC TAGS: spin lattice relaxation, ruby, temperature dependence, ion density, paramagnetic relaxation, *crystal, laser*

ABSTRACT: In view of the contradictions between various experimental results, and in view of the great importance of the concentration dependence of the spin-lattice relaxation time in the theory of paramagnetic relaxation in crystals and the great practical value of ruby crystals for use in quantum amplifiers and lasers, the authors undertook to measure precisely the relaxation time in ruby at helium temperatures in a broad range of Cr^{3+} ion concentrations, from 0.05 to 0.7%. The samples were grown by the Verneuil method in a strongly reducing medium. The values of the spin-lattice relaxation time T_1 were measured by pulsed saturation of the paramagnetic resonance lines at frequencies $\nu_1 = 11,472$ and $\nu_2 = 9400$ Mc. The values of T_1 in ruby were measured at $T = 4.2\text{K}$ for the transitions $\pm 1/2 \rightarrow \pm 3/2$ in zero magnetic field and $1/2 \rightarrow -1/2$ in a field $H = 3360$ oe at different Cr^{3+} concentrations. Investigations

Card 1/2

L 11949-66

ACC NR: AP6000737

3

of the transition $\pm 1/2 \leftrightarrow \pm 3/2$ in zero magnetic field at the frequency ν_1 have shown that the relaxation curves are singly-exponential at all the investigated concentrations and do not depend on the duration of the saturating pulses. This confirms the assumption that there are no cross relaxation processes in this transition, and the observed relaxation curves corresponded to spin-lattice relaxation. The transition $1/2 \leftrightarrow -1/2$ was investigated at the frequency ν_2 for parallel orientation of the c axes of the ruby crystals relative to the external magnetic field (3360 oe). The doubly exponential relaxation curves observed at this frequency for certain Cr^{3+} concentrations corresponded to both spin-lattice and cross relaxations. These two processes were separated by investigating the dependence of the form of the relaxation curves on the duration of the saturating pulses. Investigations of the temperature dependence of T_1 have shown that $T_1 \sim T^{-1}$ in the interval $T = 1.6 - 4.2\text{K}$ at all investigated Cr^{3+} ion concentrations, showing no anomalies whatever even at large concentrations. It is concluded from the temperature dependence that the spin-lattice relaxation results from direct processes of energy exchange between the spin system and the lattice. The character of the concentration dependence of the relaxation rate indicates that there are two different effective spin-phonon interaction mechanisms. One depends on the concentration of the paramagnetic ions and is responsible for the relaxation at low concentrations ($\leq 0.05\%$), and is the Kronig-Van Vleck mechanism. The second mechanism leading to a concentration dependence of the relaxation time becomes predominating at concentrations $\geq 0.3\%$, and is probably connected with the interaction between the Cr^{3+} ions. Authors thank A. A. Popova for supplying the ruby crystals. Orig. art. has 2 figures and 1 formula. ^{44,55}

SUB CODE: 20/
Card 2/2

SUBM DATE: 07Sep65/

ORIG REF: 003/

OTH REF: 008

DANILICHEV, S.V.

"Watergoing" ships in Russia at the beginning of the 18th century.
Trudy Inst.ist.est. i tekhn. 8:64-71 '56. (MLRA 9:9)
(Ships)

DANILICHEV, S.V.

Information concerning the first ships with decks in Russia.
Trudy Inst.ist.est.1 tekhn. 8:253-254 '56. (MLRA 9:9)
(Ships)

DANILICHEV, S.V.

First Soviet navigation season on the Volga. Rech.transp. 16
no.8:34-35 Ag '57. (MIRA 10:11)
(Volga River--Inland navigation)

DANILICHEV, S.V.

"River Fleet during 40 Years" exhibition. Rech.transp.16 no.11:51-52
N '57. (MIRA 10:12)

1. Direktor Tsentral'nogo Doma tekhniki Ministerstva rechnogo flota
RSFSR.

(Bibliography--Inland water transportation)

DANILICHEV, S.V.

How nationalization of the river fleet was carried out; reminiscences
of a participant. Rech. transp. 17 no.2:36-37 P '58.

(MIRA 11:2)

(Merchant marine--Government ownership)

DANILICHEV. S., inzh.

First steamers on the Kama River. Rech.transp. 20 no.4:60-61 Ap
'61. (MIRA 14:5)

(Kama River—Steamboats)

DANILICHEV, S., inzh.

Triple-keel planing ship. Rech. transp. 21 no.3:52 Mr '62.
(MIRA 15:4)
(Planing hulls)

DANILICHEV, S., inzh.

Plan for an All-Russian waterway system. Recl. transp. 21
no.6:53 Je '62. (MIRA 15:7)
(Inland navigation)

DANILICHEV, S., inzh.

First book in Russia on the theory of steamships. Rech.
transp. 21 no.12:45 D '62. (MIRA 15:12)
(Steamboats)

DANILICHEV, S., inzh.

First plans for jet-driven ships in Russia. Rech. transp. 22
no.2:40 F '63. (MIRA 16:5)
(Ship propulsion)

DANILICHEV, S., inzh.

First Soviet journal on water transportation. Rechn. transp. 22 no.7:
47 J1 '63. (MIRA 16:9)
(Inland water transportation--Periodicals)

DANILICHEV, S., inzh.

First in the world paddle-wheel motor tugboat. Tech. transp.
22 no.8:50 Ag '63. (MIRA 16:10)

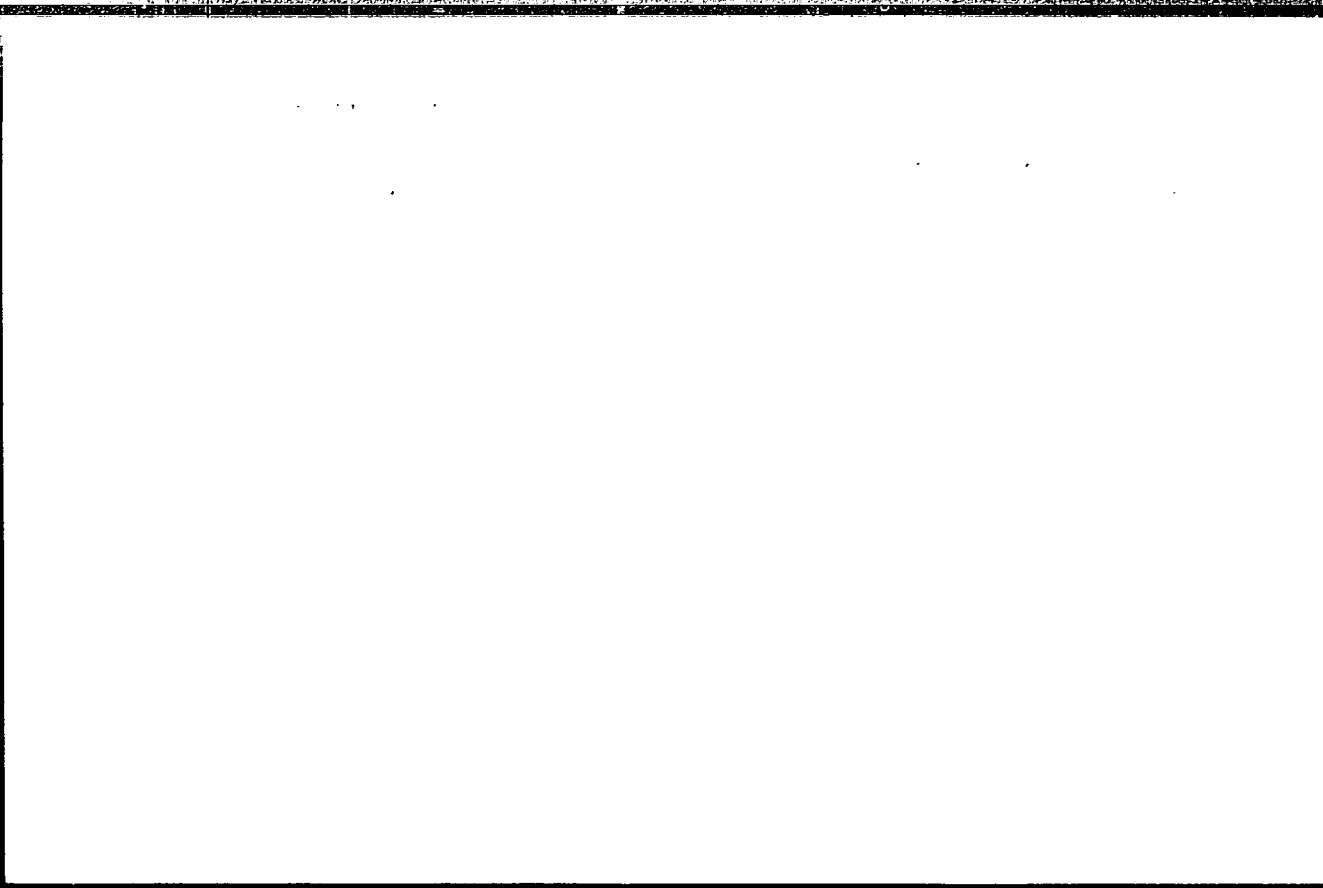
(Tugboats)

DANILICHEV, S., inzh.

Catamarans. Rech. transp. 22 no.9:56 S '63. (MIRA 16:10)

"APPROVED FOR RELEASE: Wednesday, June 21, 2000

CIA-RDP86-00513R001109



APPROVED FOR RELEASE: Wednesday, June 21, 2000

CIA-RDP86-00513R001109

DANILICHEV, S., inzh.

Gas-lighted beacons. Rech. transp. 23 no.1:59 Ja '64.

(MIRA 18:11)

DANILICHEV, S., inzh.

First steamship on the Pechora River. Sect. Inzh. 2³
no. 9156 S '64.

(MIRA 1911)

De la... 1894, 1895.

On Lake Umbagog, N. H., the following species were taken:

DANILICHEV, S., inzh.

Building of the first steamers on the Neva River. Tech.
transp. 24 no. 10:15 '65. (MIRA 18:12)

SMOLKIN, G.H., kand. tekhn. nauk; ASTAKHOV, A.I., inzh.; DANILICHEV, V.H.,
inzh.; GONENKO, G.A.

Increasing the economic efficiency of engines by means of disconnect-
ing separate cylinders. Sbor. st. CHPI no.10:19-23 '57. (MIRA 11:1)
(Automobiles--Engines--Cylinders)

SMOLKIN, G., kandidat tekhnicheskikh nauk; ASTAKHOV, A., inzhener;
DANILICHEV, V.V. inzhener; GANNENKO, G., laborant.

Increasing engine economy by switching out separate cylinders.
Avt. transp. 34 no.8:15-16 Ag '56. (MLRA 9:10)

1. Chelyabinskiy politekhnicheskii institut.
(Automobiles--Engines)

39360

S 262 62.000 010 006/024
1007-1207

26. 1110

AUTHOR: Danilowicz, Stefan [Abstracter's note: original has Stefan]

TITLE: Jet engine for propeller aircraft

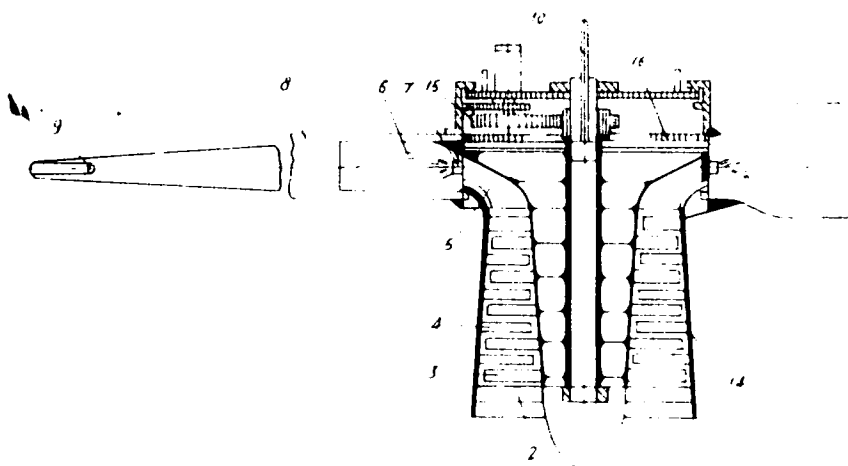
PERIODICAL: Referativnyy zhurnal, otdeinyy vypusk 42 Silovyye ustanovki, no 10, 1962, 39, abstract 42.10.206 P Polish patent, class 62 b, 37 04, no 44486, May 25, 1961

TEXT The fan blades (2) (see figure) fastened to the immovable shaft, rotate together with the external casing of the engine and the propeller blades (8). The fan delivers air to the working (3) and guide (4) vanes of the axial compressor actuated through the reduction gear (15). From the axial compressor, the air enters the centrifugal compressor (5) and from here enters the cylindrical combustors (6) in front of each propeller blade. The fuel is delivered to the combustor by the injector (7) through the duct (10). Leaving the system through the nozzle (9) the exhaust gases create the jet which rotates the propeller blades. The temperatures of the gas jet is controlled by the air inflow through slots in the propeller blades. The propeller rotational speed is controlled by altering the blade fastening angle (8) with the aid of the device (16), or by varying the fuel supply.

Card 1 2

Jet engine..

S. 262 62 000 010 006 024
1007 1207



Figure

[Abstracter's note Complete translation]

L 6410-66 EWT(d)/EWT(1)/EWP(m)/EWT(m)/EWP(c)/EWA(d)/T-2/EWA(c)/ETC(m)/EWA(1) WE
 ACC NR: AP5026769 SOURCE CODE: UR/0286/65/000/017/0052/0053

INVENTOR: Danilichev, V. K. + Vasil'yev, B. V. 52
 1965 1965

ORG: none 52

TITLE: ^{21,44,55} Diffusor with transverse ribs for the even change in the velocity of a liquid or gas stream. Class 27, No. 174313

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 17, 1965, 52-53

TOPIC TAGS: fluid mechanics, fluid flow, fluid flow measurement, fluid velocity

ABSTRACT: An Author Certificate has been issued for a diffusor with transverse ribs ^{9m} for the even change in the velocity of a stream of liquid or gas (see Fig. 1). To

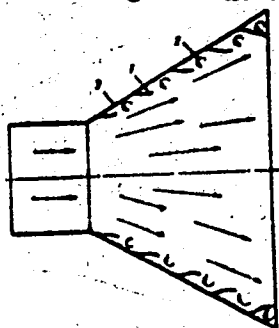


Fig. 1. Diffusor with transverse ribs

1 - Transverse ribs; 2 - inter-rib cavity;
 3 - wall of the diffusor.

Card 1/2

UDC: 532.556.4

L 6410-66

ACC NR: AP5026769

minimize pressure losses in the diffuser, the transverse ribs are flexible and can rotate under the action of the counter current flow arising as the boundary layer detaches at an angle which adequately assures changes in the magnitude of the effective cross section of the diffuser for the localization of the counter currents in the inter-rib cavities formed by the inner surface of the diffuser (walls and ribs).
Orig. art. has: 1 figure.

[KT]

SUB. CODE: 13,20 . / SUBM DATE: 23Mar63/ ATD PRESS: 4139

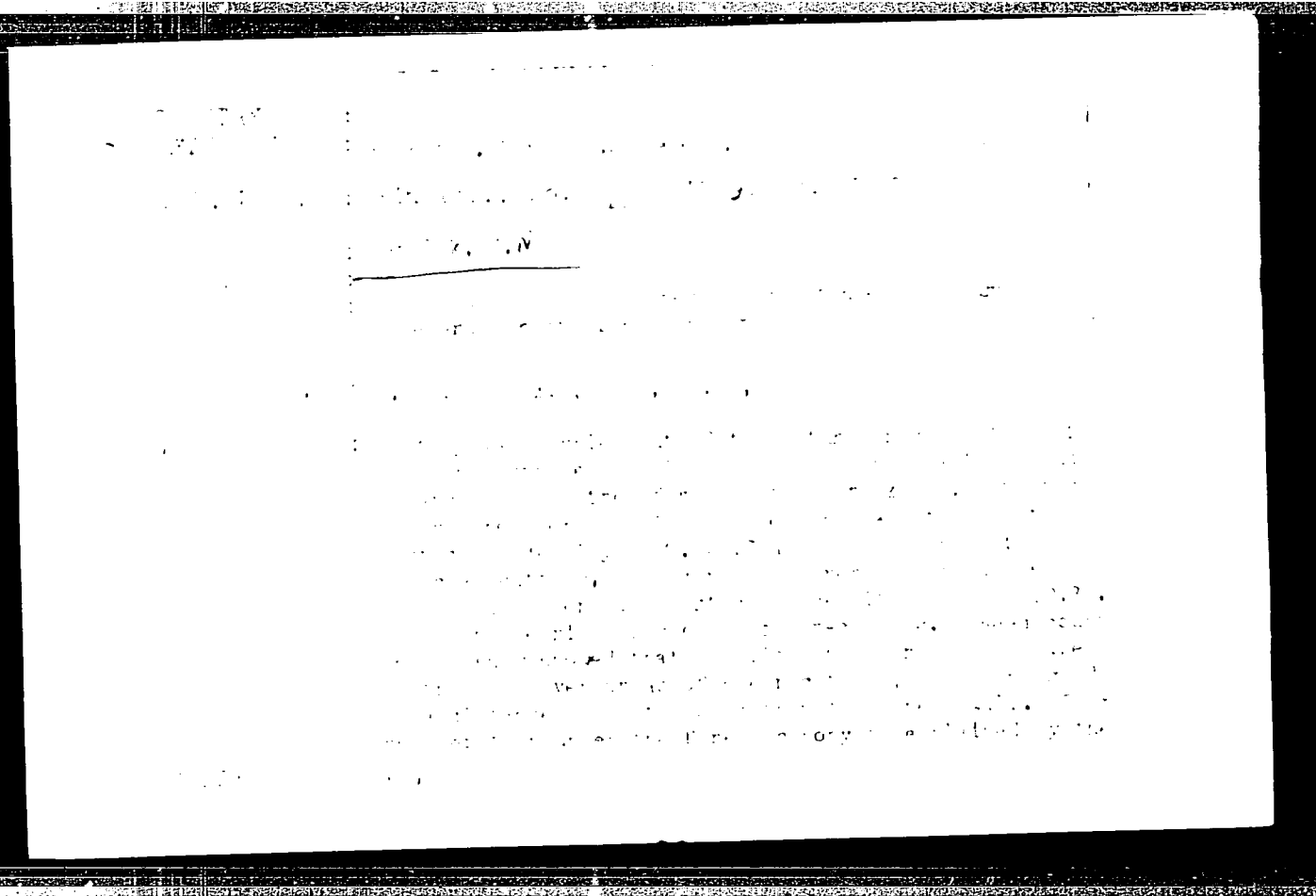
PC
Card 2/2

TROS'KO, I.K.; DANILIK, V.N.

Using tree tapping to obtain oleaster gum. Gidroliz. i
lesokhim. prom. 9 no.4:26-27 '56. (MLRA 9:11)

1. Sredneaziatskiy nauchno-issledovatel'skiy institut
lesnokho khozyaystva.
(Gums and resins) (Tree tapping)

DANILIK, V. N., Cand Agr Sci -- (diss) "Natural ~~renewal~~ of Tian Shan
fir in Przheval'skiy ~~leskhov.~~" Tashkent, 1957. 19 pp (Min of Agri-
culture USSR, Tashkent Agr Inst), 300 copies (EL, 17-26, 110)



DANILIK, V.V.

Ecological characteristics of spruce reproduction. Trudy
Inst. biol. UFAN SSSR no. 43:209-213 '65 (MIRA 10:1)

1. Ural'skaya lesnaya opytaya stantsiya.

DANILIN, A., kandidat tekhnicheskikh nauk.

How we increased flour mill production on the basis of existing
production areas. Muk.elev.prom. 20 no.3:24-29 Mr '54.(MLRA 7:7)

1. Moskovskiy mel'nichnyy kombinat im.TSyurupy.
(Flour mills)

DANILIN, A.

DANILIN, A., kandidat tekhnicheskikh nauk.

Improving the process of grinding grain. Muk.-elev.prom.20
no.11:15-19 N '54. (MLRA 8:3)

1. Mel'nichnyy kombinat imeni A.D.TSyurupy.
(Grain milling)

DANILIN, A., kandidat tekhnicheskikh nauk.

New aspects in milling wheat from Western Siberia and the Urals.

Muk.-elev.prom. 21 no.3:20-27 Mr '55.

(MIRA 8:5)

1. Moskovskiy mel'nichnyy kombinat imeni A.D.TSyurupy.
(Wheat milling)

DANILIN, A., kandidat tekhnicheskikh nauk

Improving equipment of the milling industry. Muk.-elev.prom.21
no.8:14-16 J1[Ag] '55. (MIRA 8:12)

1. Moskovskiy mel'nichnyy kombinat imeni A.D.TSyurupy
(Grain-milling machinery)

DANILIN, A., kandidat tekhnicheskikh nauk; KREYMERMAN, G., kandidat tekhnicheskikh nauk.

In building grain elevators take local conditions into consideration.
Muk.-elev.prom. 21 no.11:5-6 № '55. (MLRA 9:4)
(Grain elevators)

DANILIN, A., kand.tekhn. nauk.

Development of grain elevators and grain milling in China. Muk.-elev.
prom. 25 no.10:26-29 0 '59. (MIRA 13:3)

1. Proizvodstvenno-tekhnicheskoye upravleniye Gosudarstvennogo
komiteta Soveta ministrov SSSR po khleboproduktam.
(China--Grain elevators) (China--Gra' milling)

DANILIN, A.

Field work. Prof.-tekh. obr. 17 no.9:21 S '60.

(MIRA 13:10)

1. Zamestitel' direktora Rusayevskogo uchilishcha mekhanizatsii sel'skogo khozyaystva (Kokchetavskaya oblast').
(Kokchetav Province--Agriculture--Study and teaching)

DANILIN, A., kand.tekhn.nauk

Flour mills and elevators in the Republic of Cuba. Muk, -elev. prom.

28 no.11:27-31.N '62.

(MIRA 16:2)

(Cuba--Grain elevators)

(Cuba--Flour mills)

DANILIN, A., kand.tekhn.nauk

Flour Mill at Santiago de Cuba. Muk.-elev.prom. 29 no.1:18-24
Ja '63. (MIRA 16:4)

1. Proizvodstvenno-tekhnicheskoye upravleniye gosudarstvennogo
komiteta zagotovok Soveta Ministrov SSSR.
(Santiago De Cuba--Flour mills)

DANILIN, A., kand.tekhn.nauk

Technology of converting rye into high-quality flour in the flour
mills of Czechoslovakia. Muk.-elev. prom. 29 no.2:24-28 F
'63. (MIRA 16:8)

1. Proizvodstvenno-tekhnicheskoye upravleniye Gosudarstvennogo
komiteta zagotovok.

(Czechoslovakia--Rye) (Czechoslovakia--Flour mills)

DANILIN, A.

VORONOV, N., DANILIN, A., KOVALEV, I.

"Investigation on evaporation velocity of sample metal oxides heated by electric current."

Report submitted but not presented at the IAEA Symposium on the Thermodynamics of nuclear materials.
Vienna, Austria, 21-26 May 1962

DANILIN
AUTHORS: Danilin, A.A., Chekunov, V.D.

119-1-5/13

TITLE: The Use of Voltmeters for Measuring the Velocity of a Motor With Constant Current (Primeneniye vol'tmetrov dlya izmereniya skorosti dvigateley postoyannogo toka).

PERIODICAL: Priborostroyeniye. 1958, Nr 2, pp. 25-26 (USSR)

ABSTRACT: The rotational speed of a parallel current electromotor with independent or parallel excitation can be measured by the electromotive force induced in the armature. Parallel to the motor and connected in series is the operating winding and the shunt resistance for excitation. In series with the motor also a load resistance R_1 is connected. Parallel to the operating winding with the corresponding shunt there is a second load resistance R_2 . Between the rotor of this resistance and one of the ends of the resistance R_1 is a voltmeter which is gauged according to revolutions per minute. It is theoretically proved in what manner individual resistances must be selected and how the entire system works. There is 1 figure.

AVAILABLE: Library of Congress

Card 1/1 1. Voltmeters-Applications 2. Electric motors-Test methods

DANILIN, A.A., inzh.; MALININ, V.V., inzh.

Regulating the electromagnetic vibrator with the aid of a
symmetrical multivibrator. Khim. mash. no.4:8-10 J1-Ag '59.
(MIRA 12:12)

(Vibrators)

S/196/61/000/010/027/037
E194/E155

AUTHORS: Rozanov, G.A., Danilin, A.A., and Mordovskiy, S.I.
TITLE: An automatic control system for a separation process
PERIODICAL: Referativnyy zhurnal, Elektrotehnika i energetika,
no.10, 1961, 23, abstract IOK 132 (Vestn. tekhn. i
ekon. inform. N -i. in-t tekhn.-ekon. issled Gos.
kom-ta Sov. Min. SSSR po khimii no.10, 1960, 50-53)

TEXT: The article describes an automatic control system for a separation process which takes load off the separator when the degree of clarification deviates from the permitted limits. The suspension to be treated is delivered to the separator through an inlet valve. The clarified liquid then passes through an indicator of cloudiness which determines the degree of purification in accordance with preset limits. When the quality of purification falls off, an amplified signal is applied to a relay circuit which excites an amplidyne. The latter applies a voltage to close a motorised input valve. When it is fully closed, the amplidyne field cuts off, the motor stops and a signal connects the appropriate electro-pneumatic instrument which

Card 1/2

An automatic control system for . . . S/196/61/000/010/027/037
E194/E155

commences the cycle of unloading the separator. Simultaneously, the instrument sends a signal to lock the relay circuit and to disconnect the amplifier train from the cloudiness indicator so as to avoid false operation of the automatic control system after unloading is completed

[Abstract for a note Complete translation.]

Card 2/2

DAVID L. A.

PROTAS, L.R.; DANILIN, A.A.

[Functional changes in the gastrointestinal tract occurring in acute and subacute radiation sickness; an X-ray study] Funktsional'-nye izmeneniia zheludочно-kishechnogo trakta pri eksperimental'noi ostroi i podostroi luchevoi bolezni; rentgenologicheskoe issledovanie. Leningrad, 1957. 14 p. (MIRA 11:4)

(ALIMENTARY CANAL) (RADIATION SICKNESS)

PROTAS, L.R.; DANILIN, A.A.

Changes in the gastrointestinal tract in acute and subacute experimental radiation sickness (roentgenological investigation). Vop.radiobiol. 2:213-225 '57. (MIRA 12:6)

1. Sotrudniki Tsentral'nogo nauchno-issledovatel'skogo rentgeno-radiologicheskogo instituta Ministerstva zdravookhraneniya SSSR.
(RADIATION SICKNESS) (ALIMENTARY CANCER)

17(7), 23(3,4,5)

U.S. 77-4-4-7-19

AUTHORS: Danilin, A.A., Kozyrina, E.N., Shcherban', E.I. and
Khachkuruzova, E.S.

TITLE: Autoradiography of Smears of Peripheral Blood as a
Method of Early Recognition of Inner Irritation With
Radioactive Substances

PERIODICAL: Zhurnal nauchnoy i prikladnoy fotografii i kinematografii, 1959, Vol 4, Nr 4, pp 280-291 (USSR)

ABSTRACT: The authors present a method of autoradiography of
smears of peripheral blood by putting photographic
emulsions on them. From blood, containing radioactive
substances, a thin smear is prepared on a clean, by
alcohol and ether thoroughly degreased microscope slide.
The dried smear is fixed by methyl alcohol. A sublayer
of 1% celioidine solution is put on the fixed blood
smear. Then liquid photographic emulsion is put on
the smear. The dried up smear is exposed in a cooler.
The exposed preparation is treated for 3-4 minutes
in anilol developer and fixed with 40% hyposulphite.
Card 1/2 The smear is dyed after the radiography is dried

SOV/77-4-4-7/19

Autoradiography of Smears of Peripheral Blood as a Method of Early Recognition of Inner Irradiation With Radioactive Substances

up. The dyed preparation is covered with lacquer. Figures 1, 2 and 3 show microphotographs, made by this method. There are 3 English and 4 Soviet references.

ASSOCIATION: Leningrad, Tsentral'nyy nauchno-issledovatel'skiy rentgeno-radiologicheskii institut Ministerstva zdoravookhraneniya SSSR (Leningrad Central Scientific Research Institute for Roentgenology and Pathology of the Ministry of Public Health of USSR)

SUBMITTED: May 17, 1958

Card 2/2

DANILIN, A. A. Cand Med Sci (diss - "experience in treatment of infectious
lymphadenitis with the gamma rays from radioactive cobalt, 1947".
Leningrad, 1948. 11 pp. Central Sci. Institute of Biology of the USSR
Acad. Sci., 240 reports (XL, No 14, 1948, 1949).

DANILIN, A H

PHASE I BOOK EXPLOITATION

SOV/5435

Kiselev, P. N., Professor, G. A. Gusterin, and A. I. Strashinin, Eds.

Voprosy radiobiologii. t. III: Sbornik trudov, posvyashchenny 60-letiyu so dnya rozhdeniya Professora M. N. Pobedinskogo (Problems in Radiation Biology. v. 3: A Collection of Works Dedicated to the Sixtieth Birthday of Professor M[ikhail] N[ikolayevich] Pobedinskiy [Doctor of Medicine]) Leningrad. Tsentr. n-issl. in-t med. radiologii M-va zdravookhraneniya SSSR, 1960. 422 p. 1,500 copies printed.

Tech. Ed.: P. S. Peleshuk.

PURPOSE: This collection of articles is intended for radiobiologists.

COVERAGE: The book contains 49 articles dealing with pathogenesis, prophylaxis, and therapy of radiation diseases. Individual articles describe investigations of the biological effects of radiation carried out by workers of the Central Scientific Research Institute for Medical Radiology of the Ministry of Public Health, USSR. [Tsentral'nyy nauchno-issledovatel'skiy institut meditsinskoy radiologii Ministerstva zdravookhraneniya SSSR] during 1958-59. The following

Card 1/10

Problems in Radiation Biology (Cont.)

SOV/5435

topics are covered: various aspects of primary effects of radiation; the course of some metabolic processes in animals subjected to ionizing radiation; reactions in irradiated organisms; morphologic changes in radiation disease; and reparation and regeneration of tissues injured by irradiation. Some articles give attention to the effectiveness of experimental medical treatments. No personalities are mentioned. References accompany almost all of the articles.

TABLE OF CONTENTS:

Foreword	3
Gasterin, G. A., and A. I. Strashinin. Professor Mikhail Nikolayevich Pobedinskiy (Commemorating his Sixtieth Birthday)	5
Lebedinskiy, A. V. [Member, Academy of Medical Sciences USSR], N. I. Arlasechenko, and V. M. Mantryukova. On the Mechanism of Trophic Disturbances Due to Ionizing Radiation	11
Zedgenidze, G. A., [Member, Academy of Medical Sciences USSR], Ye. A. Zherbin, K. V. Ivanov, and P. R. Vaynshteyn. Hormonal Activity of the Adrenal Cortex in Acute Radiation Sickness and the Effect of Desoxycorticosterone Acetate on the Disease	17

Card 2/10

10

Problems in Radiation Biology (Cont.)

SOV/5435

Poplavskiy, K. K. Phasic Changes in the Ability of Irradiated Animals to React to Anesthetization	78
Portarenko, I. V. On the Reaction of Irradiated Dogs to the Introduction of Alpha Dinitrophenol	86
Aleksseyeva, G. N. Reaction of an Irradiated Organism to the Introduction of Gangliolytic Preparations (gangliolitiki)	93
Protas, L. R., and A. A. Danilin. The Mechanism of Functional Disturbances in the Alimentary Canal During Acute and Subacute Forms of Experimental Radiation Sickness	97
Aleksandrov, S. N. Some Methods of Approach to the Study of Early Stages of Radiation Sequelae	104
Marcovlov, S. Ye. Respiration of Tissue and Sensitivity to Radiation	111
Kachur, L. A., P. N. Kiselev, and A. N. Shutko. Effect of Ionizing Radiation on the Water-Exchange Process Between the Blood and the Extravascular Liquids in the Organism	138

Card 4/10